What is claimed is:

1.   A data decoding apparatus, comprising:

an additional data detecting means for

detecting additional data from an encoded data stream

5   including encoded data and additional data;

an additional data deleting means for deleting

said additional data from said encoded data stream,

an additional data flag generating means for

generating an additional data flag indicating a type and

10   a position of said detected additional data based on said

detection result, and

a decoding means for carrying out predetermined

processing with respect to the encoded data stream from

which said additional data is deleted based on said

15   generated additional data flag and performing to decode

the encoded data stream.

2.   A decoding apparatus as set forth in claim 1,

wherein said additional data flag generating means

selects additional data required in the decoding in said

20   decoding means from said detected additional data and

generates said additional data flag with respect to only

the related selected additional data.

3.   A decoding apparatus as set forth in claim 2,

wherein;

25   said encoded data is encoded data utilizing a

differential value from predetermined reference data,

said additional data is control data for

resetting said reference data, and

said decoding means resets the reference data

5   at a predetermined position specified by said additional

data flag with respect to said encoded data stream and

decodes the encoded data utilizing said differential

value.

4.   A decoding apparatus as set forth in claim 3,

10   wherein;

said encoded data stream is a data stream

obtained by processing a desired still image for every

predetermined unit area by discrete cosine

transformation, quantization, variable length coding,

15   insertion of predetermined additional data, and

transformation to a series of fixed length data having a

predetermined bit length, and

said decoding means extracts said variable

length coded data from said data stream, decodes said

20   encoded data by variable length decoding, and restores

the series of the discrete cosine transformed and

quantized data.

5.   A decoding method, comprising the steps of:

detecting additional data from an encoded data

25   stream including encoded data and additional data;

deleting said additional data from said encoded

data stream, generating an additional data flag

indicating a type and a position of said detected

additional data based on said detection result; and

5   carrying out predetermined processing with

respect to the encoded data stream from which said

additional data is deleted based on said generated

additional data flag to decode the encoded data stream.

6.   A decoding method as set forth in claim 5,

10   wherein said generation of additional data flag comprises

selecting additional data required in the decoding from

said detected additional data and generating said

additional data flag with respect to only the related

selected additional data.

15   7.   A decoding method as set forth in claim 6,

wherein;

said encoded data is encoded data utilizing a

differential value from predetermined reference data,

said additional data is control data for

20   resetting said reference data, and

said decoding comprises the steps of

resetting the reference data at a

predetermined position specified by said additional data

flag with respect to said encoded data stream, and

25   decoding the encoded data utilizing said

differential value.

8. A decoding method as set forth in claim 7, wherein:

said encoded data stream is a data stream

5 obtained by processing a desired still image for every

predetermined unit area by discrete cosine

transformation, quantization, variable length coding,

insertion of predetermined additional data, and

transformation to a series of fixed length data having a

10 predetermined bit length, and

said decoding comprises the steps of

extracting said variable length coded data

from said data stream,

decoding the related encoded data by

15 variable length decoding, and

restoring the series of the discrete

cosine transformed and quantized data.